

Ptouch

User manual



**TABLE OF
CONTENTS**

1 GENERAL INFORMATION 3

2 USER MANUAL 3

2.1 Main window 3

2.2 Temperature setting window 4

2.3 Operation mode selection window 5

2.4 Menu 6

2.5 Device status window 7

2.6 Night cooling 9

2.7 Fans boost 10

2.8 Set points 11

2.9 Filter timer 12

2.10 Heating season settings 13

2.11 Date and time 14

2.11 Weekly scheduler 15

2.12 Holiday scheduler 16

2.14 Alarms 17

2.15 Settings menu 17

2.15.1 Language selection 18

2.15.2 Theme selection 19

2.15.3 Child protection lock settings 19

2.15.4 Screen brightness and dimming settings 20

2.15.5 Sound settings 21

GENERAL INFORMATION

Ptouch remote control panel is designed for:

- SALDA ventilation units and other devices based on PRV, MCB or ECO controllers;
- Modbus-controlled devices.

Remote control panels guarantee optimal comfort of operation, monitoring, maintenance and service. All operations can be performed using remote panel, which displays the status of the system, fault reports and service settings.

Features:

- Simple use;
- Surface mounted;
- 4.3" touch-screen;
- Display of functions and set points;
- Acoustic response to touch;
- Maximum fan speed setting for limited time period (BOOST);
- Blocking (locking) - protection from children;
- User menu for fan speed, mode, status, CO2 control settings.

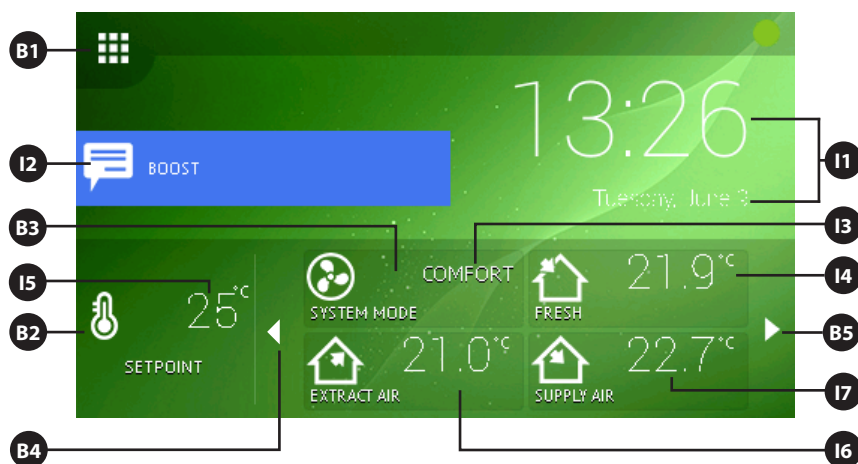
Package includes:

- 1x Ptouch control panel;
- 1x Cable;
- 1x Manual;
- 2x Fastening elements (screw 3,9 x 25 DIN 7981 – 2 pcs nylon plug 5x25 – 2 pcs, hammered steel plug 12x30 – 2 pcs).

2

USER MANUAL

2.1 Main window



Number	Function
I1	Date and time.
I2	Information / alert / status box.
I3	Operating mode (comfort, max boost, stand-by, building protection or economy).
I4	Temperature of outside air
I5	Desired room temperature (in comfort mode) or selected operating mode icon.
I6	Temperature of extracted air (room temperature).
I7	Temperature of supplied air.

Number	Function
B1	Menu button.
B2	Click to set a desired room temperature.
B3	Click to choose the operating mode (comfort, max boost, stand-by, building protection or economy).
B4	Show previous indicators.
B5	Show next set of indicators.

2.2 Temperature setting window



Number	Function
I1	Window name.
I2	Time.
I3	Newly set desired room temperature (extracted air temperature).

Number	Function
B1	Back. Return to previous window.
B2	Decrease set temperature.
B3	Increase set temperature.

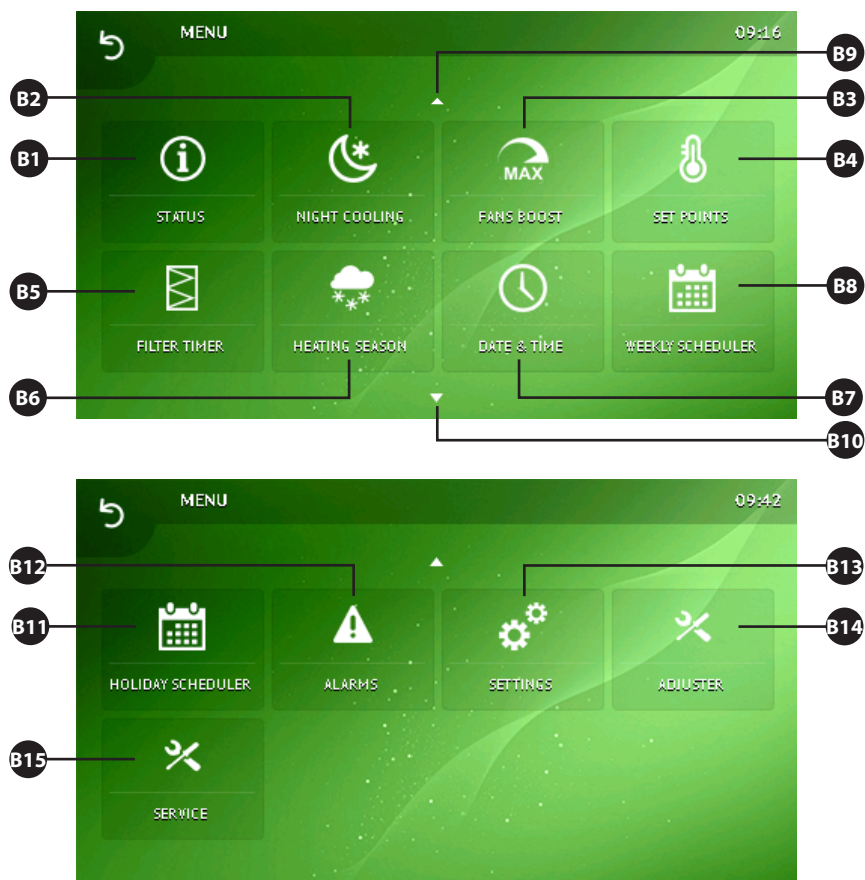
2.3 Operation mode selection window



Number	Function
I1	Current operating mode.

Number	Function
B1	STANDBY – AHU is stopped.
B2	BUILDING PROTECTION – maintain minimal air movement. Temperature can be maintained depending on settings in Menu → Set Points.
B3	ECONOMY – use decreased fan speed. Temperature can be maintained depending on settings in Menu → Set Points.
B4	COMFORT - use normal fan speed. Temperature is maintained.
B5	MAX BOOST – Fans operate at maximum power (for a specified period).

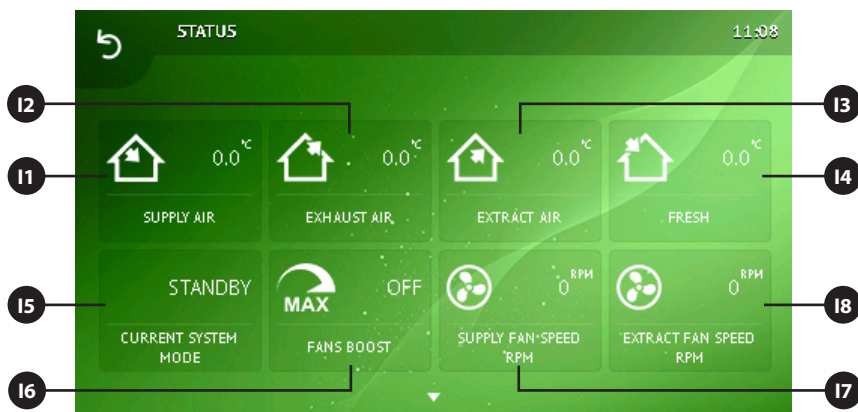
2.4 Menu



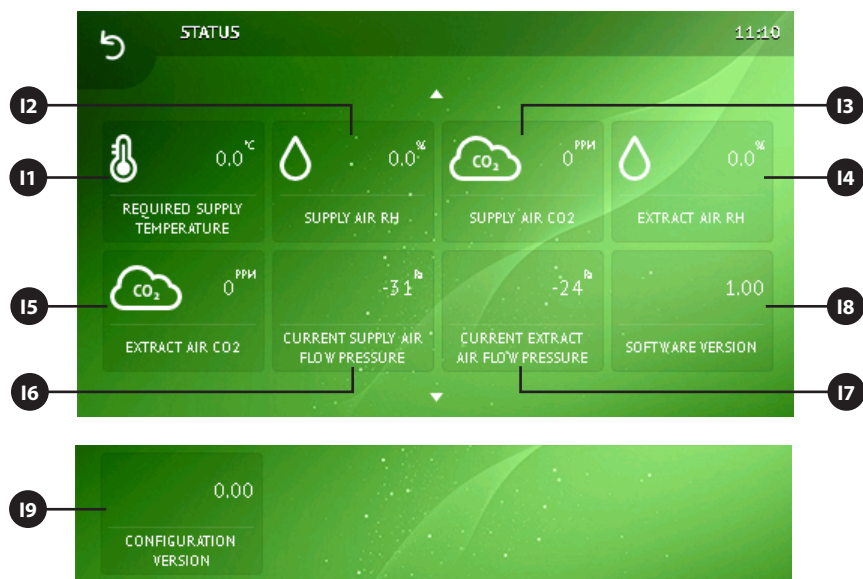
Number	Function
B1	Device status window.
B2	Night cooling settings.
B3	Period setting for max boost operating mode.
B4	Review or modify set temperatures for all modes.
B5	Filter maintenance status.
B6	Heating season settings.
B7	Set AHU control unit's date and time.

B8	Weekly scheduler: status and modification.
B9	Show previous menu row.
B10	Show next menu row.
B11	Holiday scheduler: status and modification.
B12	List of current faults.
B13	User interface settings.
B14	Adjuster menu.
B15	Service menu.

2.5 Device status window

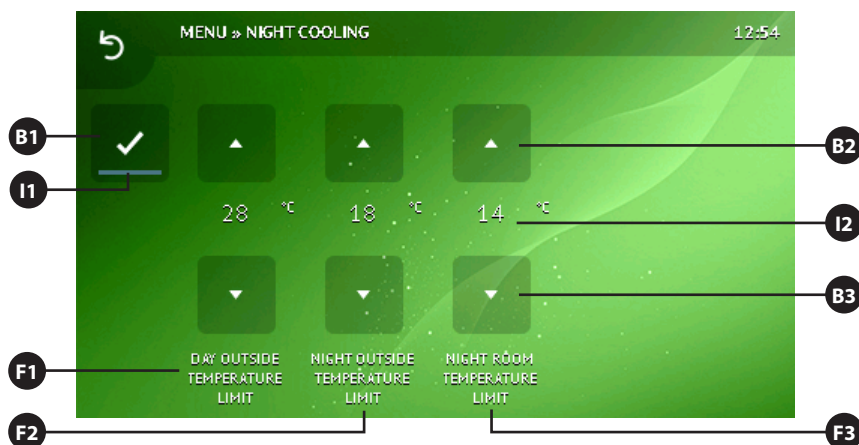


Number	Function
11	Supplied air temperature.
12	Exhausted air temperature.
13	Extracted air temperature.
14	Outside air temperature.
15	Current operating mode.
16	Max boost function state.
17	Speed of the air supplying fan.
18	Speed of the air extracting fan.



Number	Function
11	Calculated required temperature of supply air.
12	Supplied air relative humidity.
13	CO2 quantity in supplied air.
14	Extracted air relative humidity.
15	CO2 quantity in extracted air.
16	Differential pressure in supply duct.
17	Differential pressure in extract duct.
18	Version of AHU's control unit software.
19	

2.6 Night cooling

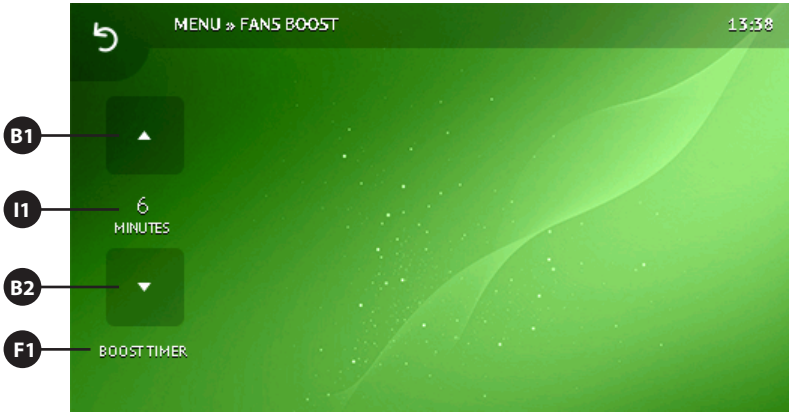


Number	Function
I1	Function state: green strip – on; gray – off.
I2	Set temperature indication.

Number	Function
F1	Minimum day temperature for a night cooling to be used.
F2	Maximum night temperature for a night cooling to be used.
F3	Desired room temperature at night.

Number	Function
B1	Function on/off switch.
B2	Buttons to increase value.
B3	Buttons to decrease value.

2.7 Fans boost

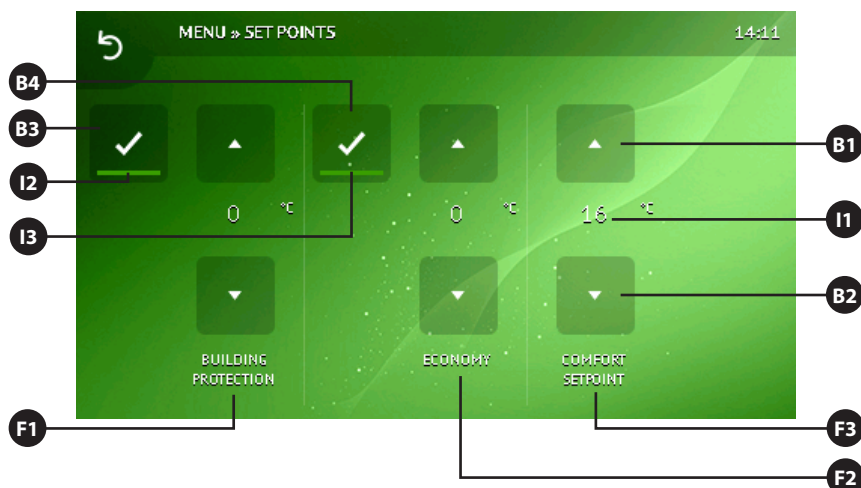


Number	Function
I1	Set temperature indication.

Number	Function
F1	Max period of boost (in seconds).

Number	Function
B1 B2	Click to increase/decrease the „BOOST“ function time

2.8 Set points

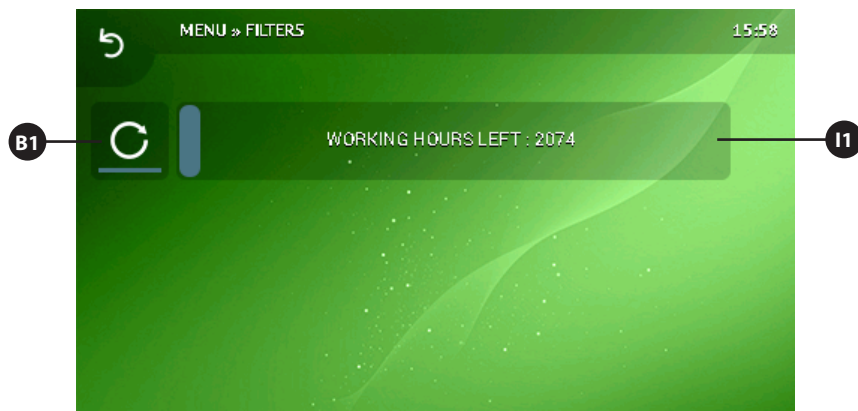


Number	Function
I1	Set temperatures indication.
I2	State of temperature maintaining function during building protection mode: green strip – on; gray strip – off.
I3	State of temperature maintaining function during economy mode: green strip – on; gray strip – off.

Number	Function
F1	Room air temperature during building protection mode.
F2	Room air temperature during economy mode.
F3	Room air temperature during comfort mode.

Number	Function
B1	Buttons to increase value.
B2	Buttons to decrease value.
B3	On/off switch for temperature maintaining function during building protection mode.
B4	On/off switch for temperature maintaining function during economy mode.

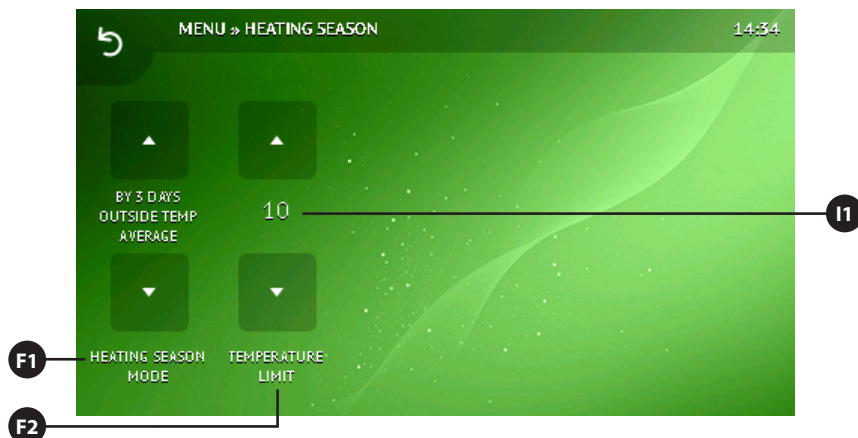
2.9 Filter timer



Number	Function
I1	Days remaining till filter service.

Number	Function
B1	Button to reset filter timer. Use only after filter replacement and at Your own risk.

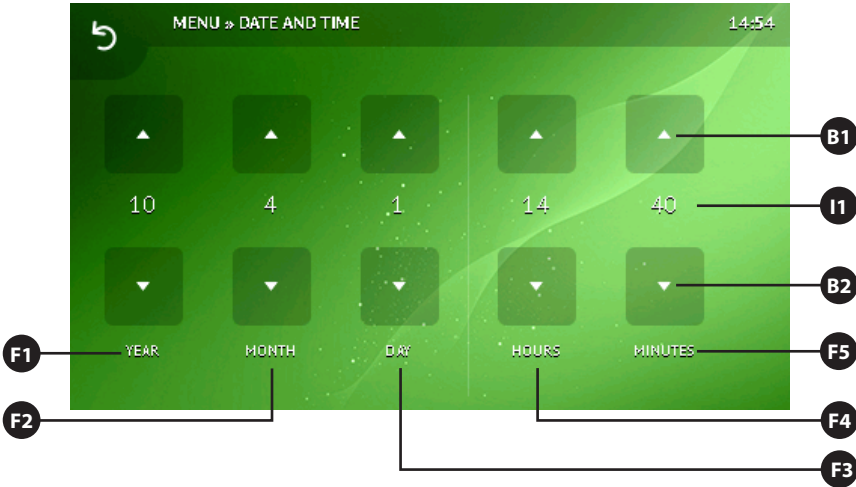
2.10 Heating season settings



Number	Function
I1	Current setting indication.

Number	Function
F1	Heating season mode: <i>By 3 days outside temperature average:</i> heating season is selected if average outside temperature exceeds the threshold; <i>By date:</i> heating season starts and ends at specified days; <i>Heating:</i> heating season is always active; <i>Cooling:</i> heating season is never active;
F2	Temperature threshold. Lower 3-day average of outside temperature will activate select heating season. Higher 3-day average of outside temperature will cancel heating season. <i>Range: [0-30 °C]</i>

2.11 Date and time

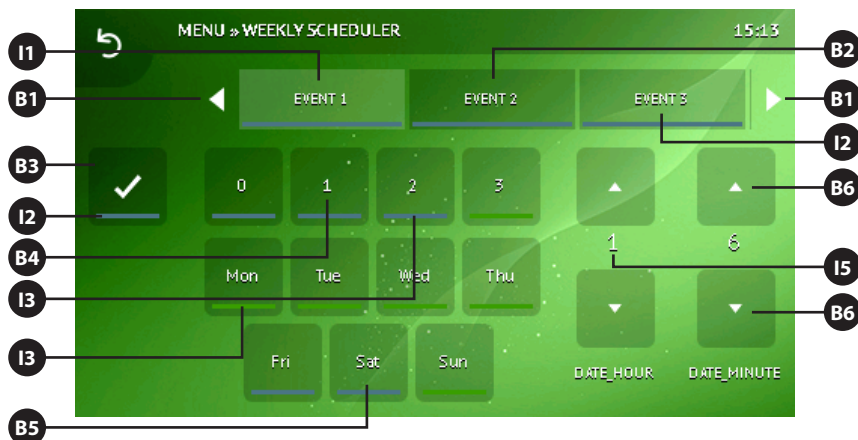


Number	Function
I1	Set date & time indication.

Number	Function
F1	Year.
F2	Month.
F3	Day.
F4	Hour (24h format).
F5	Minute.

Number	Function
B1	Buttons to increase value.
B2	Buttons to decrease value.

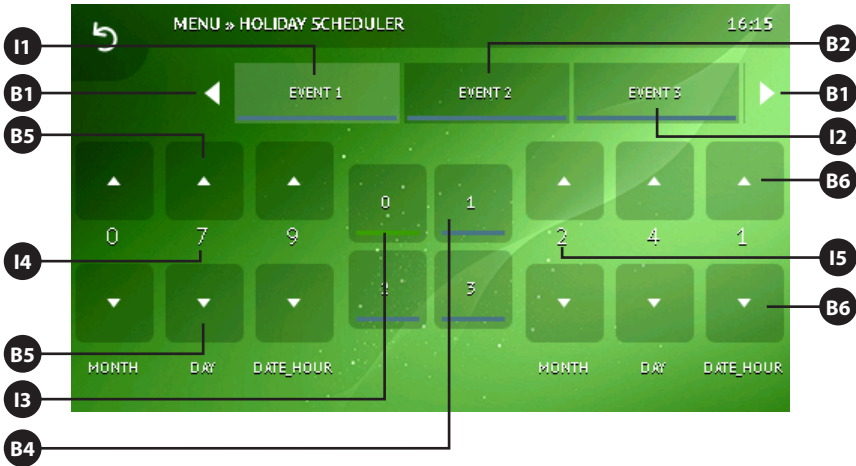
2.12 Weekly scheduler



Number	Function
I1	Selected event (light color).
I2	On/off indicator for selected event (green strip – event is on).
I3	New mode. The mode with a green strip will be set as current on occurrence of selected event.
I4	Active weekdays (green strips); inactive weekdays (gray strips).
I5	Event time (24h format).

Number	Function
B1	Event scrolls (10 weekly events available).
B2	Select event.
B3	Event on/off switch.
B4	Buttons to select mode. This mode will be activated on occurrence of selected event.
B5	Buttons to select active weekdays for selected event.
B6	Dials to set event hour and minute.

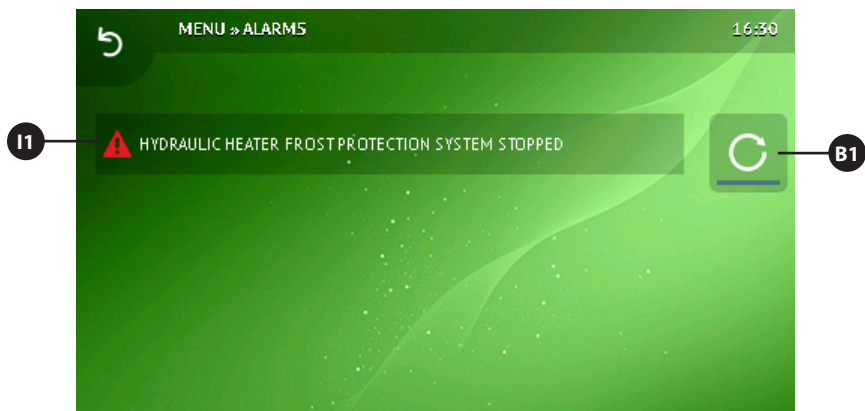
2.13 Holiday scheduler



Number	Function
I1	Selected event (light color).
I2	On/off indicator for selected event (green strip – event is on).
I3	Selected mode. The mode with a green strip will be set as current on occurrence of selected event.
I4	Day and time to start selected event. Selected mode will be set as current.
I5	Day and time to end selected event. Previous mode will be reset as current.

Number	Function
B1	Event scrolls (10 holiday events available).
B2	Select event.
B3	Event on/off switch.
B4	Buttons to select mode. This mode will be activated on occurrence of selected event.
B5	Dials to set event starting hour and minute.
B6	Dials to set event ending and minute.

2.14 Alarms

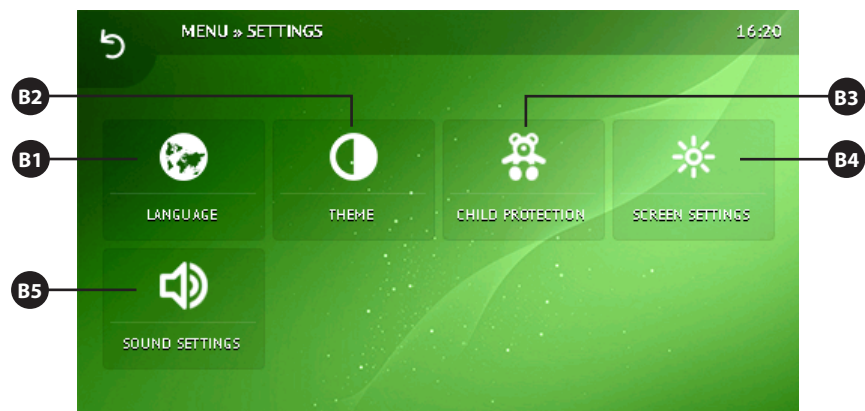


NOTE: All active alarms are also shown on a main window.

Number	Function
I1	List of current active alarms.

Number	Function
B1	Button to refresh the alarm list.

2.15 Settings menu



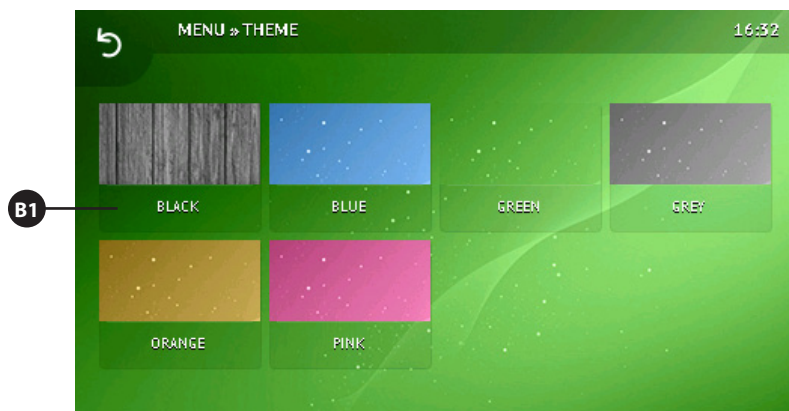
Number	Function
B1	User interface language selection.
B2	User interface theme selection.
B3	Child protection lock settings.
B4	Screen brightness and dimming settings.
B5	Sound settings.

2.15.1 Language selection



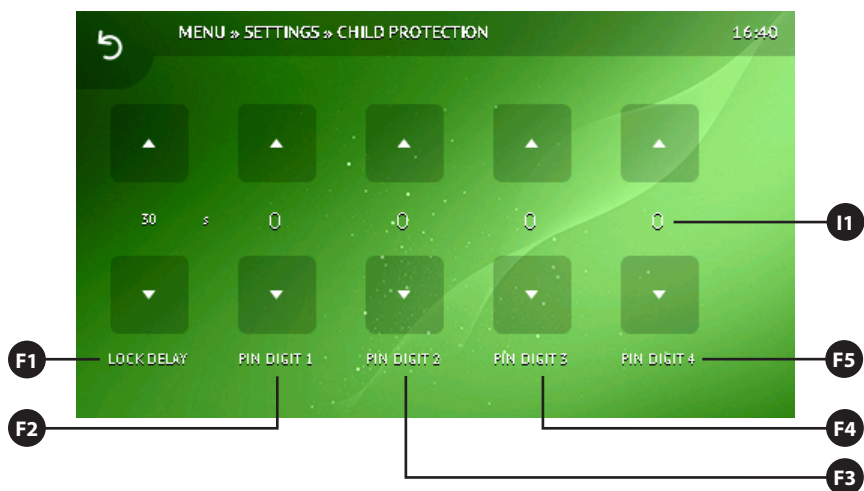
Number	Function
B1	Buttons to select the language for user interface

2.15.2 Theme selection



Number	Function
B1	Buttons to select the theme for user interface

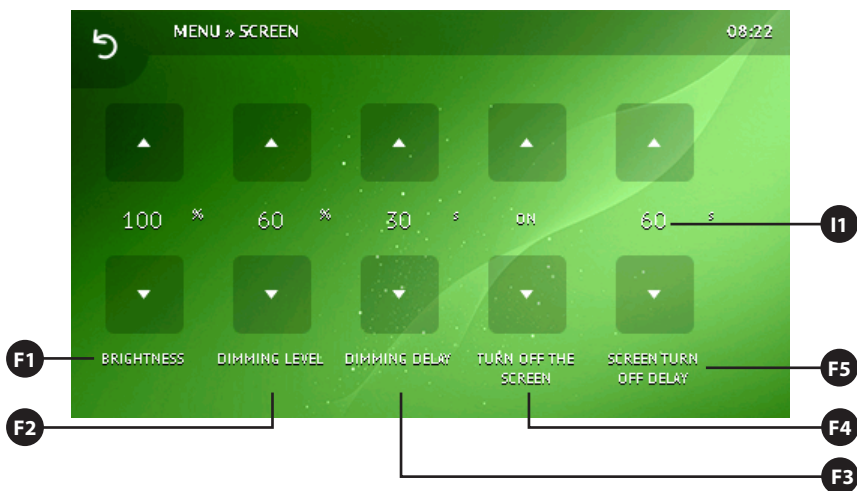
2.15.3 Child protection lock settings



Number	Function
I1	Current setting indication

Number	Function
F1	Lock delay. Inactivity time to trigger the lock screen <i>Range: [OFF or 10-1200 s]</i>
F2	Unlock PIN code. Digit 1 <i>Range: [0-9]</i>
F3	Unlock PIN code. Digit 2 <i>Range: [0-9]</i>
F4	Unlock PIN code. Digit 3 <i>Range: [0-9]</i>
F5	Unlock PIN code. Digit 4 <i>Range: [0-9]</i>

2.15.4 Screen brightness and dimming settings

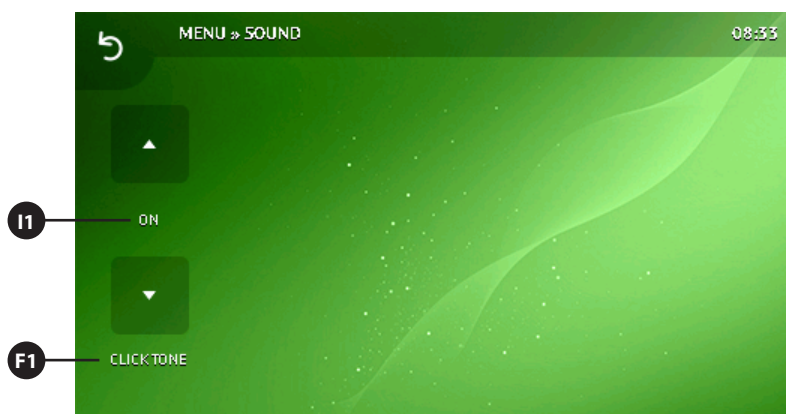


Number	Function
I1	Current setting indication

Number	Function
F1	Screen brightness for normal active mode <i>Range: [70-100 %]</i>
F2	Dimming level for dimmed mode <i>Range: [30-70 %]</i>

F3	Inactivity time to trigger dimmed mode <i>Range: [30-300 s]</i>
F4	Turn off the screen function <i>ON: screen is turned off after specified inactivity time</i> <i>OFF: screen is never turned off</i>
F5	Inactivity time to turn off the screen <i>Range: [30-2000 s]</i>

2.15.5 Sound settings



Number	Function
I1	Current setting indication

Number	Function
F1	Click tone switch: <i>ON: Each button press is indicated by a short beep;</i> <i>OFF: No beeps.</i>